

REMARKS

Substitute Specification

Enclosed herewith in full compliance with 37 C.F.R. §1.52 is a substitute specification excluding the claims to replace the current specification of record. Also enclosed herewith is a "Version with Markings" pursuant to 37 C.F.R. 1.125(c) showing changes made to the specification.

The substitute specification is amended to correct single line spacing and page numbering problems as indicated on the attached Notice to File Corrected Application Papers. Furthermore, the substitute specification is amended to properly identify each amino acid and nucleotide sequence with a corresponding SEQ ID NO. No new matter is introduced by these amendments.

Substitute Sequence Listing

Enclosed herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a substitute Sequence Listing to be inserted into the specification as indicated above. The substitute Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a disk copy of the substitute Sequence Listing. The disk copy

Application No. 10/822,761

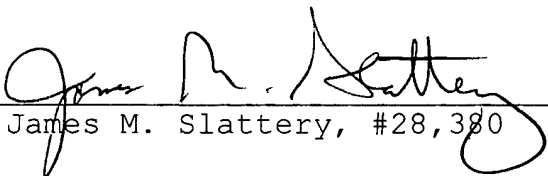
of the Sequence Listing, file "2004-08-24 4533-0108PUS1.ST25.txt", is identical to the paper copy, except that it lacks formatting.

The sequence listing is amended to include SEQ ID NOS: 29-33 which are found on page 9 of the specification. No new matter is introduced by these amendments.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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JMS/gf/psq
4533-0108PUS1

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Attachments:

- Substitute specification
- Marked-up version of specification
- Disk Copy of Sequence Listing
- Paper Copy of Sequence Listing
- Copy of Notice